

Application No. 09/941,151
Amendment and Response dated January 27, 2006
RCE Filed Herewith

Listing of Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-119 (canceled)

120.(new) A method of providing a custom orthodontic appliance for repositioning teeth of a patient, the method comprising:
providing images of the teeth of the patient in suggested post-treatment tooth positions and orientations that are based on three-dimensional information of the shapes of the teeth of the patient;
receiving feedback information on the suggested post-treatment positions and orientations from a person who has viewed a display of the provided images; and
providing a custom orthodontic appliance configured to reposition teeth of the patient based on the suggested tooth positions and orientations in accordance with the feedback information.

121.(new) The method of claim 120 wherein:
the person viewing the display of the images is an orthodontic practitioner; and
the feedback information includes information of approval by the orthodontic practitioner of the suggested post-treatment tooth positions and orientations toward which the teeth of the patient are to be moved by the appliance.

122.(new) The method of claim 120 wherein:
the feedback information includes information of a change in position or orientation of at least one tooth from the suggested post-treatment tooth positions and orientations toward which the at least one tooth of the patient is to be moved by the appliance.

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123.(new) The method of claim 122 further comprising:
providing revised images of the teeth of the patient for redisplay in revised post-treatment
tooth positions and orientations based on the suggested tooth positions and
orientations as changed in accordance with the feedback information.

124.(new) A method of providing a custom orthodontic appliance for
repositioning teeth of a patient, the method comprising:
providing images of the teeth of the patient in suggested post-treatment tooth positions
and orientations that are based on three-dimensional information of the shapes of
the teeth of the patient;
receiving feedback information on the suggested post-treatment positions and orientations
from a person who has viewed a display of the provided images wherein the
feedback information includes information selected from the group consisting
essentially of:
 information approving at least some tooth positions and orientations
 toward which the teeth of the patient are to be moved by the
 appliance, and
 information changing at least one tooth position or orientation toward
 which the teeth of the patient are to be moved by the appliance; and
providing a custom orthodontic appliance configured to reposition teeth of the patient
based on the suggested tooth positions and orientations in accordance with the
feedback information.

125.(new) The method of claim 124 further comprising:
providing revised images of the teeth of the patient in revised post-treatment tooth
positions and orientations based on the suggested tooth positions and orientations
as changed in accordance with the feedback information.

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126.(new) The method of claim 125 further comprising:
receiving from a person who has viewed a display of the provided revised images
feedback information approving the revised tooth positions and orientations
toward which the teeth of the patient are to be moved by the appliance.

127.(new) The method of claim 124 further comprising:
providing the person viewing the display with a capability to enter the feedback
information.

128.(new) The method of claim 124 wherein:
the person viewing the display of the images is an orthodontic practitioner.